

Recreational Vehicle (RV) Portable Sunscreen Canopy

Abstract

This invention applies a flaccid, porous, horticulture shade material as a sunscreen canopy for an RV to reduce the heat and ultra violet rays for protection of roof mounted and internal accessories from damage as well as lower internal cabin temperatures. Wind shear is greatly reduced by using porous material. Recreational vehicles are either stored or in use. Either way, the temperature internal to the vehicle can reach temperatures between 100 and 140 degrees during hot days. The challenge presented is to mechanically attach the sunscreen canopy with fasteners, tent poles and mounting extrusions to a vehicle to hold the flaccid canopy at a horizontal position above a large recreational vehicle and be simple to setup and takedown for transport. This invention successfully demonstrates how to meet the protection objectives as well as enhances the air conditioning of an RV to improve occupant comfort.